

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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|----------------|---|---------------------------------|-------------|------|
| COUNTRY        | East Germany  | REPORT                          |             | 25X1 |
| SUBJECT        | VEB Werk fuer Fernmeldewesen (WF)<br>Personnel and Production | DATE DISTR.                     | 18 May 1955 |      |
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| DATE ACQUIRED  |   | This is UNEVALUATED Information |             |      |

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. West Berlin specialists are to be dismissed by the VEB Werk fuer Fernmeldewesen, Berlin-Oberschoeneweide, in the same manner as this is being done in other East German enterprises.
2. Ing. Walter Wenderoth has been appointed department head of the Picture Tube Development and Manufacture (Bildroehren-Entwicklung-und Fertigung) Department.
3. The special group under Walter Hass, which has been in Berlin-Adlershof, will henceforth be restored to the main WF plant at Oberschoeneweide. All television tubes have been produced by this group. It is rumored that Group Leader Hass is going to resign because he does not wish to be under the jurisdiction of Dr. Guenther Ullrich, head of the Development Branch of the WF plant.
4. Dr. Ignatz Ladurner is allegedly resigning because he has quarreled with Plant Director Rudi Mueller. Dr. Ladurner intends to transfer to the Heinrich Hertz Institute.
5. The manufacturing branches of the WF plant are suffering from a lack of work. The firm is being forced to release numerous contract employees (Belegschaftsmitglieder).
6. The following items are in production:
  - a. Tubes
    - Reflex klystron 723 A/B, with 10 mw output, for 3.2 cm wavelength
    - Reflex klystron 726 B, 40-150 mw output, for 10 cm wavelength
    - Metal ceramic triode LD 7, with pulse output (Impulsnutzleistung) for 9.2 cm wavelength of 11 kw, and, for a 20 cm wavelength, of 20 kw.
    - Metal ceramic triode LD 9, with an output of 15 w on a 9.2 cm wavelength and 40 w on a 17.5 wavelength
    - Metal ceramic triode LD 11; output of 4 w on 13.1 cm and 12 w on 38 cm; also, 8 w on 13.1 cm and 20 w on 38 cm.
    - Metal ceramic triode LD-12, output of 2 w on 9 cm wavelength and 5 w on a 9 cm wavelength. (Ausgangsleistung bei Wellenlaenge 9 cm = 2 W und Wellenlaenge 9 cm = 5 W.)

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(Note: Washington distribution indicated by "X"; Field distribution by "#").

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b. Equipment

Spectrometer for 3-12 cm wavelength

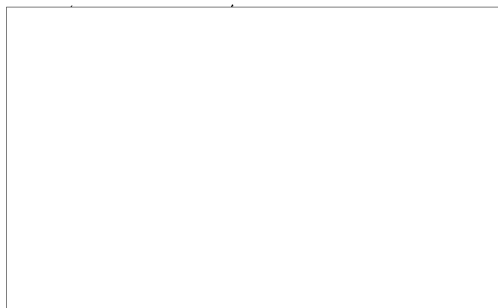
Hollow wave measuring circuit (Hohlrohr-Messleitung) for 2.5 to 4 cm wavelengths (new type equipment)

Noise diode/calibrating-transmitter test oscillator (Rauschdioden-Messender) for 10-300 mcs (new equipment). Noise power - 0-75 db.

Components for 3 cm test position (Messplatz). The completed equipment is scheduled to be ready for delivery by the end of 1955. Complex hollow tube parts for this equipment are produced by a galvanoplastic process. The interior form is made of ozocerite (Erdwachs). It is coated with silver-bronze (Silberbronze) and then a 1 mm copper layer is deposited on the bronze layer. Subsequently the ozocerite is melted out.<sup>1</sup>

1.  Comment: The German original is as follows: "Komplizierte Rohronnteile fuer diesen Messplatz werden durch Galvano-Plastik hergestellt. Die Innenform wird hierbei aus Erdwachs hergestellt. Es wird zunaechst Silberbronze aufgetragen, darueber wird eine 1 mm-Kupfer-Schicht abgeschieden. Anschliessend wird das Erdwachs herausgeschmolzen."

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